

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/011971

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C07C67/31 C07C69/675

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 176 135 A (TAKASAGO PERFUMERY CO LTD) 30 January 2002 (2002-01-30) example 6	1-7
Y	WO 03/029259 A (DUPRAT DE PAULE SEBASTIEN ; GENET JEAN-PIERRE (FR); DELLIS PHILIPPE (F) 10 April 2003 (2003-04-10) cited in the application * page 27, table 1, entry 3 * * page 28, table 1, entry 4 * ----- -/--	1-7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

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Date of the actual completion of the international search

13 January 2005

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21/01/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PAI C-C ET AL: "Synthesis of new chiral diphosphine ligand (BisbenzodioxanPhos) and its application in asymmetric catalytic hydrogenation" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 43, no. 15, 8 April 2002 (2002-04-08), pages 2789-2792, XP004345895 ISSN: 0040-4039 cited in the application * page 2791, table 1, entry 4 *	1
A	EP 0 339 764 A (TAKASAGO PERFUMERY CO LTD) 2 November 1989 (1989-11-02) the whole document	1
A	EP 0 295 109 A (TAKASAGO PERFUMERY CO LTD) 14 December 1988 (1988-12-14) page 9; example 9; table 2 page 10; example 16; table 2	1

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